



Power Meter Monitor

Model: PMM0704

Document version: 1.2

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Relay Output 250VAC 2A Module

KEY FEATURES

- Relay output 250VAC 2A
- Both power and signal Isolated module
- There is no need for an external power supply; operating power supply is 5V DC
- Highly compacted size
- DIN rail mounting
- Operating temperature: -20°C to +83°C

DESCRIPTION

PMM0704 is a relay output with an isolated channel (250VAC/2A) module which transmits control signals from the CPU to the connected actuators.

PMM0704 has the ability to deliver 2A to the connected load which makes it highly useful and applicable in a wide range of industrial practices and processes.

TECHNICAL DATA

Number of contacts	1	
Signal type	Voltage	
Voltage signal type	250VAC	
Output circuit design	changeover contacts Relays	
Output characteristic	Potential-free	
Output current per channel	2A	
Switching frequency	0.1HZ	
Insulation resistance	1000 MΩ (at 500VDC)	
Dielectric strength	Between coil & contacts	1600 VAC 1min
	Between open contacts	1000 VAC 1min
	Between contact sets	1800 VAC 1min
Surge withstand voltage		
Between open contacts (10 X 160 μs)		1500 VAC (FCC part 68)
Between coils & contacts (2 X 10 μs)		2500 VAC (Telecordia)
Operating temperature	-20°C to +83°C	
Degree of protection	IP54	

MECHANICAL DATA

Width	66.5mm (2.6")
Height	113mm (4.5")
Depth	6mm (0.23")
Wight	50 g
Mounting type	Din rail

- PMM0704 is available in two versions, the differences between them are illustrated in the following table:

Version	Number of outputs	Isolation
1.1	2	Not isolated
1.2	1	Fully isolated

BLOCK DIAGRAM

NUMBER	SIDE	DESCRIPTION
1	CPU	VCC
2	CPU	Signal
3	CPU	GND
4	FIELD	Normally closed
5	FIELD	Common
6	FIELD	Normally opened

